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INTELLECTUAL PROPERTY LAW



February 21, 2005

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Our Reference: 4320-241

Supplemental Information Disclosure Statement

Mail Stop RCE

Honorable Commissioner of Patents

P.O. Box 1450

Alexandria, Virginia

22313-1450

Dear Sir:

Re: United States Design Application No. 09/621,234

**For: VERTICAL CYLINDRICAL SKEIN OF HOLLOW FIBER MEMBRANES
AND METHOD OF MAINTAINING CLEAN FIBER SURFACES**

Applicants: HENSHAW et al

Filed: July 20, 2000

In accordance with 37 CFR 1.56 and 1.97, the applicant hereby submits a supplemental Information Disclosure Statement including form PTO/SB/08b. This Information Disclosure Statement is submitted with a Request for Continued Examination and no fee is required.

Respectfully submitted,

HENSHAW ET AL.

By:

Scott R. Pundsack

Registration No. 47,330

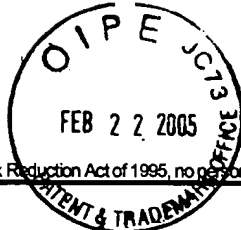
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Encl.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

Application Number	09/621,234
Filing Date	July 20, 2000
First Named Inventor	HENSHAW
Art Unit	1723
Examiner Name	FORTUNA, Ana M.
Attorney Docket Number	4320-241

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 6,402,955	06-11-2002	Ookata	
		US- 4,668,401	05-26-1987	Okumura et al.	
		US- 3,853,756	12-10-1974	Stana	
		US- 5,035,799	07-30-1991	Rosberg et al.	
		US- 3,992,301	11-16-1976	Shippey et al.	
		US- 3,794,169	02-26-1974	Sisk et al.	
		US- 4,253,962	03-03-1981	Thompson	
		US- 4,176,063	11-27-1979	Tyler	
		US- 4,184,963	01-22-1980	Sternberg	
		US- 4,206,055	06-03-1990	Hauk et al.	
		US- 4,466,888	08-21-1984	Verkaart	
		US- 4,610,792	09-09-1986	Van Gils et al.	
		US- 4,746,433	05-24-1988	Nöbl et al.	
		US- 4,755,305	07-05-1988	Fremont et al.	
		US- 4,765,915	08-23-1988	Diehl	
		US- 4,842,724	06-27-1989	Bray et al.	
		US- 4,880,545	11-14-1989	Swamikannu	
		US- 5,043,071	08-27-1997	Anselme et al.	
		US- 2002-0195390	12-26-2002	Zha et al.	

FOREIGN PATENT DOCUMENTS

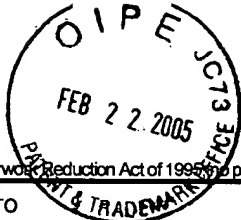
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP 05-154362	06-22-1993	Ebara Inflico Co. Ltd.		✓
		English language abstract of JP05-154362				
		JP06-023245	02-01-1994	Ebara Inflico Co. Ltd.		✓
		English language abstract of JP06-023245				
		JP08-206472	08-13-1996	Sumitomo Heavy Ind. Ltd		✓
		English language abstract of JP08-206472				Machine & Human Translation of paragraphs 17-22

Examiner
SignatureDate
Considered

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Sheet 2 of 5

Complete if Known

Application Number	09/621,234
Filing Date	July 20, 2000
First Named Inventor	HENSHAW
Art Unit	1723
Examiner Name	FORTUNA, Ana M.
Attorney Docket Number	4320-241

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		Number - Kind Code ² (if known)			
		US- 5,053,143	10-01-1991	Miller et al.	
		US- 5,380,437	01-10-1995	Bertoncini	
		US- 5,409,609	04-25-1995	Soria et al.	
		US- 5,024,762	06-18-1991	Ford et al.	
		US- 4,935,143	06-19-1990	Kopp et al.	
		US- 4,931,186	06-05-1990	Ford et al.	
		US- 4,767,539	08-30-1988	Ford	
		US- 4,655,927	04-07-1987	Ford	
		US- 4,537,740	08-27-1985	Colburn	
		US- 4,414,113	11-08-1983	LaTerra	
		US- 4,401,567	08-30-1983	Shindo et al.	
		US- 4,002,567	01-11-1977	Konno et al.	
		US- 6,627,082	09-30-2003	Del Vecchio et al.	
		US- 6,589,426	07-08-2003	Husain et al.	
		US- 3,637,079	01-25-1972	Strub	
		US- 5,468,397	11-21-1995	Barboza et al.	
		US- 5,227,076	07-13-1993	Bogen et al.	
		US- 2,570,132	10-02-1951	Koupal	
		US- 4,411,785	10-25-1983	Yu et al.	
		US- 5,690,830	11-25-1997	Ohtanni et al.	

FOREIGN PATENT DOCUMENTS

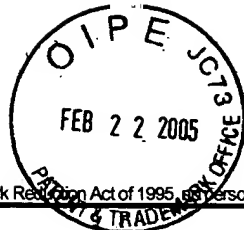
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP09-290261	11-11-1997	Nitto Denko Corp.		✓ Machine
		English language abstract of JP09-290261				
		JP08-131785	05-28-1996	Kubota Corp.		✓ Partial Machine
		English language abstract of JP08-131785				

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Considered

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**INFORMATION DISCLOSURE
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Sheet 3 of 5

Complete if Known

Application Number	09/621,234
Filing Date	July 20, 2000
First Named Inventor	HENSHAW
Art Unit	1723
Examiner Name	FORTUNA, Ana M.
Attorney Docket Number	4320-241

FOREIGN PATENT DOCUMENTS

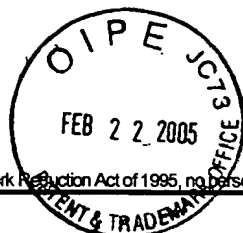
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP07-047245	02-21-1995	Kurita Water Ind. Ltd		✓
		JP06-218237	08-09-1994	Kubota Corp.		✓ Machine
		English language abstract of JP06-218237				
		English language abstract of JP09-308882	12-02-1997	Kubota Corp.		
		English language abstract of JP08-318141	12-03-1996	Mitsui Eng & Shipbuild Co. Ltd		
		English language abstract of JP09-248432	09-22-1997	Kubota Corp.		
		English language abstract of JP07-132213	05-23-1995	Ebara Corp.		
		JP10-277599	10-20-1998	Mitsubishi Rayon Co. Ltd. et al.		✓ Partial Machine
		English language abstract of JP10-277599				
		EP0427376	05-15-1991	Romicon Inc.		
		JP08-257372	10-08-1996	Mitsubishi Rayon Eng Co. Ltd. et al.		✓ Machine
		English language abstract of JP08-257372				
		WO85/01449	04-11-1985	Memtec Limited		
		WO 88/00494	01-28-1988	Memtec Limited		
		WO 86/05997	10-23-1986	Memtec Limited		
		WO 86/05697	10-09-1986	Kureha Chemical Ind Co Ltd		
		WO 86/05116	09-12-1986	Memtec Limited		
		GB 2120952A	12-14-1983	JGC Corporation		
		English language abstract of JP2000-288575	10-17-2000	Ishikawajima Harima Heavy Ind. Co. Ltd.		
		English language abstract of JP07-227526	08-29-1995	Nitto Denko Corp.		
		English language abstract of JP61-197005	09-01-1986	Ebara Corp.		
		English language abstract of JP2003-251158	09-09-2003	Toyobo Co. Ltd.		
		English language abstract of JP2003-053160	02-25-2003	Mitsubishi Rayon Co. Ltd.		
		English language abstract of JP2003-053159	02-25-2003	Japan Organo Co. Ltd.		
		English language abstract of JP2000-300965	10-31-2000	Hitachi Plant Eng. & Constr Co Ltd.		

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4 of 5

Complete if Known

Application Number	09/621,234
Filing Date	July 20, 2000
First Named Inventor	HENSHAW
Art Unit	1723
Examiner Name	FORTUNA, Ana M.
Attorney Docket Number	4320-241

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		English language abstract of JP2000-237548	09-05-2000	Tokyo Denki Komusho Co Ltd.		
		English language abstract of JP11-156166	06-15-1999	Mitsubishi Heavy Ind Ltd		
		English language abstract of JP10-015365	01-20-1998	Kurita Water Ind. Ltd.		
		JP08-252438	10-01-1996	Maezawa Ind Inc.		✓ Partial Machine
		English language abstract of JP08-252438				
		English language abstract of JP01-293103	11-27-1989	Kurita Water Ind Ltd.		
		English language abstract of JP04-126528	04-27-1992	Ebara Inflico Co. Ltd.		
		JP2003-340497	12-02-2003	Hitachi Plant Eng & Constr Co. Ltd.		✓ Partial Machine
		English language abstract of JP2003-340497				
		JP2003-320400	11-11-2003	Hitachi Plant Eng & Constr Co. Ltd.		✓ Partial Machine
		English language abstract of JP2003-320400				
		English language abstract of JP09-075689	03-25-1997	Mitsubishi Rayon Co. Ltd. et al.		
		English language abstract of JP09-239246	09-16-1997	Nok Corp.		
		English language abstract of JP10-118470	05-12-1998	Mitsubishi Rayon Co. Ltd.		
		English language abstract of JP11-047562	02-23-1999	Inax Corp.		
		English language abstract of JP11-090190	04-06-1999	Shinko Pantec Co Ltd.		
		English language abstract of JP07-116482	05-09-1995	Kurita Water Ind. Ltd		
		English language abstract of JP06-277664	10-04-1994	Daicel Chem Ind Ltd		
		English language abstract of JP05-184884	07-27-1993	Mitsubishi Rayon Co. Ltd.		
		English language abstract of JP04-131182	05-01-1992	Ebara Inflico Co. Ltd et al.		
		WO01/21531 A1	03-29-2001	SK Chemicals Co. Ltd.		
		English language abstract of JP03-284397	12-16-1991	Yanmar Diesel Engine Co. Ltd.		
		EP0388546 B1	09-26-1990	Culkin, Joseph B.		
		English language abstract of JP63-175605	07-20-1988	Saitama Pref Gov Toubu		
		English language abstract of JP09-138298	05-27-1997	Hitachi Ltd et al.		

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[illegible]

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